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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/022,754	12/14/2001	Yevgeniy Eugene Shteyn	US018202	2525

7590 07/28/2004

Corporate Patent Counsel  
Philips Electronics North America Corporation  
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Tarrytown, NY 10591

EXAMINER

ZHOU, TING

ART UNIT	PAPER NUMBER
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2173

DATE MAILED: 07/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

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<b>Office Action Summary</b>	Application No. 10/022,754	Applicant(s) SHTEYN, YEVGENIY EUGENE	
	Examiner Ting Zhou	Art Unit 2173	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.  
     4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
     a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>12/14/01, 08/04/03</u> . | 6) <input type="checkbox"/> Other: ____.  |

**DETAILED ACTION**

***Specification***

1. The disclosure is objected to because of the following informalities: The reference to Fig. 6 on line 30 of page 7 is inappropriate since there are only five figures. For examination purposes, it is assumed that the reference is to Fig. 5.

Appropriate correction is required.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Grover et al. U.S. Patent 5,818,437.

Referring to claims 1 and 7, Grover et al. teach a device and software application comprising an ambiguous first data input system configured to associate a first user input with a plurality of potential data (the set of nine data keys representing a plurality of letters and symbols yielding a plurality of matches for the entered keystroke) (column 1, lines 46-55, column 3, lines 66-67, column 4, lines 34-40 and Figure 1), a second data input system independent from the first data input system receiving a second user input (receiving user input via moving the cursor or highlight bar between the list of potential data with the "select key", which is a system level input key that is

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different from the set of data keys) (column 1, lines 55-58, column 4, lines 6-9 and 40-43), and a processing unit coupled to the first and second input systems for selecting one of the plurality of potential data from the second user input (the user selects one of the plurality of potential data using the “select” key 104 shown in Figure 1 and the processing unit of the portable computer subsequently inserts and displays the selected word in display area 101) (column 1, lines 55-58, column 4, lines 43-45 and Figure 2) .

Referring to claim 2, Grover et al. teach a display coupled to the processing unit and configured to display the selected potential data (display 602 shown in Figure 2) (column 3, lines 58-63).

Referring to claim 3, Grover et al. teach the first data input system comprises a real or virtual keyboard configured to associate a specific keystroke with a plurality of graphical characters (keypad with nine data keys, each associated with a plurality of letters and symbols) (column 1, lines 46-47, column 3, lines 66-67 and column 4, lines 34-37).

Referring to claim 4, Grover et al. teach the first data input system comprises a touch-sensitive screen (column 3, lines 58-63 and Figure 2).

Referring to claim 5, Grover et al. teach the second data input system is a stylus input system or a keystroke input system (the user can select the desired word from the word selection list using the keystroke input of the “select key” 104 on the touch-sensitive display) (column 1, lines 55-58, column 4, lines 43-45, column 9, lines 19-25 and Figure 1).

Referring to claim 6, Grover et al. teach the processing unit further determines the selected data based on a dictionary database internally or remotely accessed (the processor processes the keystroke sequence with a dictionary) (column 1, lines 51-55).

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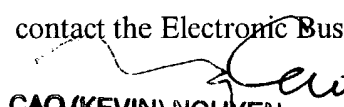
3. The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. § 1.111(c) to consider these references fully when responding to this action. The documents cited therein teach similar methods of disambiguating user input.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ting Zhou whose telephone number is (703) 305-0328. The examiner can normally be reached on Monday - Friday 8:00 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeza can be reached on (703) 308-3116. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
CAO (KEVIN) NGUYEN  
PRIMARY EXAMINER  
7 June 2004

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